

NECTAYA Developer Lotion 9%

Article number 201892 = 725ml

KAO USA Inc.

Linthicum Heights, MD 21090

Created: 20.12.2011, Revision 13.12.2011

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4 First aid measures

Description of first aid measures	Change soaked clothing.
Inhalation	not applicable
Skin contact	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact	Rinse thoroughly immediately with plenty of water for at least 15 min keeping eyelid open. Continue rinsing process with eye rinsing solution. Protect uninjured eye. Supply with medical care.
Ingestion	Consult a doctor immediately.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically.

5 Fire-fighting measures

Suitable extinguishing media	foam, dry powder, water spray jet, carbon dioxide
Extinguishing media that must not be used	Full water jet.
Special exposure hazards arising from the substance or preparation itself or combustion products	Unknown risk of formation of toxic pyrolysis products.
Special protective equipment for firefighters	Use self-contained breathing apparatus.
Additional information	Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures	High risk of slipping due to leakage/spillage of product.
Environmental precautions	Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/groundwater.
Methods and material for containment and cleaning up	Take up with absorbent material (e.g. general-purpose binder). Dispose of absorbed material in accordance within the regulations.

7 Handling and storage

Precautions for safe handling	No special measures necessary if used correctly.
Requirements for storage rooms and vessels	Keep only in original container.
Further information on storage conditions	Keep container tightly closed. Protect from heat/overheating and from sun.

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8 Exposure controls / personal protection**Additional advice on system design** Ensure adequate ventilation on workstation.**Ingredients with occupational exposure limits to be monitored (US)**

Range [%]	Substance
9	Hydrogen peroxide CAS: 7722-84-1, EINECS/ELINCS: 231-765-0, EU-INDEX: 008-003-00-9 Long-term exposure: 1 ppm, 1,4 mg/m ³
1 - <10	White mineraloil (petroleum) CAS: 8042-47-5, EINECS/ELINCS: 232-455-8 Long-term exposure: 5 mg/m ³ , mist, ACGIH
1 - <10	Glycerol CAS: 56-81-5, EINECS/ELINCS: 200-289-5 Long-term exposure: 15 mg/m ³ , (mist) total dust

Respiratory protection

not applicable

Hand protection

butyl rubber, > 120 min (EN 374)

The details concerned are recommendations. Please contact the glove supplier for further information.

Eye protection

Tightly fitting goggles.

Skin protection

Apron.

General protective measures

Avoid contact with eyes and skin.

Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of these equipments to chemicals should be ascertained with the respective supplier.

Hygiene measures

Do not eat, drink, smoke or take drugs at work.

Use barrier skin cream.

Wash hands before breaks and after work.

Delimitation and monitoring of the environmental exposition

See section 6+7.

9 Physical and chemical properties

Form	viscous
Color	white
Odor	characteristic
pH-value	1,9 - 2,1
pH-value [1%]	not determined
Boiling point [°C]	not determined
Flash point [°C]	not applicable
Flammability [°C]	not applicable
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Oxidizing properties	no
Vapour pressure/gas pressure [kPa]	not applicable
Density [g/ml]	0,97 - 1,01 (20°C / 68,0°F)
Bulk density [kg/m³]	not applicable
Solubility in water	miscible
Partition coefficient [n-octanol/water]	not determined
Viscosity	not applicable
Relative vapour density determined in air	not applicable
Evaporation speed	not applicable
Melting point [°C]	not determined
Autoignition temperature [°C]	not applicable
Decomposition temperature	not determined

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10 Stability and reactivity

Reactivity	No dangerous reactions known if used as directed.
Chemical stability	The product is stable under standard conditions.
Possibility of hazardous reactions	No hazardous reactions known.
Conditions to avoid	See section 7.2.
Incompatible materials	not determined
Hazardous decomposition products	No hazardous decomposition products known.

11 Toxicological information**Information on toxicological effects****Acute toxicity**

Range [%]	Substance
1 - <10	Glycerol, CAS: 56-81-5
	LD50, dermal, Rat: > 21 900 mg/kg.
	LD50, oral, Rat: 12 600 mg/kg.
9	Hydrogen peroxide, CAS: 7722-84-1
	LD50, dermal, Rat: >2000 mg/kg bw (IUCLID).
	LC50, inhalative, Rat: 0,17 mg/L (50% H2O2) (4h) (IUCLID).
	LD50, oral, Rat: 75 mg/kg bw (70% H2O2) (IUCLID).

Acute oral toxicity	not determined
Acute dermal toxicity	not determined
Acute inhalational toxicity	not determined
Serious eye damage/irritation	not determined
Skin corrosion/irritation	not determined
Respiratory or skin sensitisation	not determined
Specific target organ toxicity — single exposure	not determined
Specific target organ toxicity — repeated exposure	not determined
Mutagenicity	not determined
Reproduction toxicity	not determined
Carcinogenicity	not determined

General remarks

This is a cosmetic product that is safe under intended and reasonable foreseeable use. Taking into account the use instructions, the toxicological profile of the ingredients and the evaluation of the final formulation this product is considered as safe and thus not harming human health.

Toxicological data of complete product are not available.

The product was classified on the basis of the calculation procedure of the preparation directive.

The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturers of raw materials.

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12 Ecological information**Toxicity**

Range [%]	Substance
1 - <10	Glycerol, CAS: 56-81-5 LC50, (24h), fish: > 5000 mg/l.
9	Hydrogen peroxide, CAS: 7722-84-1 LC50, (96h), Pimephales promelas: 16,4 mg/L (IUCLID). EC50, (24h), Daphnia magna: 7,7 mg/L (IUCLID).

Fish toxicity	not determined
Daphnia toxicity	not determined
Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Bacteria toxicity	not determined
Biological degradability	not determined
COD	not determined
BOD 5	not determined
AOX-advice	not applicable
2006/11/EC:	not applicable
Other adverse effects	None known.

13 Disposal considerations

Product	Coordinate disposal with the authorities if necessary.
Contaminated packaging	Uncontaminated packaging may be taken for recycling.
RCRA Hazard Class (40CFR 261)	Waste must be disposed of in accordance with federal, state and local environmental control regulations. Consult your local or regional authorities.

14 Transport information

Transport by land according to ADR/RID UN 2984 Hydrogen peroxide, aqueous solution 5.1 III
- Classification Code O1

- Label



- ADR LQ

5 l

- ADR 1.1.3.6 (8.6)

Transport category (tunnel restriction code) 3 (E)

Inland navigation (ADN)

UN 2984 Hydrogen peroxide, aqueous solution 5.1 III

- Classification Code

O1

- Label

**Marine transport in accordance with IMDG**

UN 2984 Hydrogen peroxide, aqueous solution 5.1 III

- EMS

F-H, S-Q

- Label



- IMDG LQ

5 l

Air transport in accordance with IATA

UN 2984 Hydrogen peroxide, aqueous solution 5.1 III

- Label

**DOT Road Shipment Information (49 CFR)**

UN/NA 2984 Hydrogen peroxide, aqueous solution 5.1 III

- Label



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15 Regulatory information**US Regulations****National regulations**

29 CFR 1910.1200, ANSI Z400.1-2010, OSHA-PEL, ACGIH-TLV, NTP, IARC, SARA Title III, NFPA, TSCA, California - Prop. 65

- SARA, 302

This product does not contain any ingredients regulated under this list.

- SARA, 311

This product does not contain any ingredients regulated under this list.

- SARA, 313

This product does not contain any ingredients regulated under this list.

- CA Proposition 65

All chemical substances in this material are not named in California-P65 list.

- TSCA

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory.

- FDA

not applicable

American Conference of Governmental Industrial Hygienists - ACGIH

Ingredients not listed as carcinogens.

International Agency for Research on Cancer IARC

Ingredients not listed as carcinogens.

National Toxicology Program - NTP

This product is not named NTP - National Toxicology Program.

Transport-regulations

DOT-Classification, ADR (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2012).

EC Regulations

1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC

Labelling

This preparation is excluded as cosmetics from the regulation 1999/45/EEC.

Hazard symbols

Irritant

R-phrases

R 41: Risk of serious damage to eyes.

S-phrases

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 39: Wear eye/face protection.

Special labelling

none

16 Other informations**Observe employment restrictions for people yes****HMIS Ratings**

HEALTH	2	2 - Moderate Hazard
FLAMMABILITY	0	0 - Minimal Hazard
REACTIVITY	0	0 - Minimal Hazard
PERSONAL PROTECTION	B	B - Safety Glasses and Gloves

NFPA Ratings

0
2 0
COR

TOP, FLAMMABILITY: 0 - Minimal Hazard

LEFT, HEALTH: 2 - Moderate Hazard RIGHT, REACTIVITY: 0 - Minimal Hazard

BOTTOM, SPECIAL NOTICE: COR - Corrosives

Modified position

none

Key / Legende:

ACGIH = American Conference of Governmental Industrial Hygienists; CAS = Chemical Abstracts Service; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Products Regulations; DOT = Department of Transportation; EINCES = European Inventory of Existing Commercial Chemical Substances; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; NIOSH = National Institute for Occupational Safety and Health; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit; TSCA = Toxic Substances Control Act

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